

# ANDEROL® 486

SYNTHETIC BEARING OIL (ISO VG 46/68)

## DESCRIPTION

**ANDEROL® 486** is an advanced polyolester-based, wide temperature range lubricant designed for high temperature and/or high performance applications.

## APPLICATIONS

**ANDEROL® 486** is primarily recommended for use as a bearing impregnating fluid for powdered metal bearings. It may also find application as a lubricant for anti-friction bearings, electric motors and automotive equipment.

## ADVANTAGES

- Exceptionally high film strength
- Resists gumming
- Excellent anti-rust properties
- Improved volatility
- Minimization of wear
- Nominal operating range of -55°C to 240°C
- Outstanding thermal stability

## TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL <sup>®</sup> 486
Viscosity, cSt		
@ 40 °C	ASTM D 445	63
@ 100 °C	ASTM D 445	14.1
Pour Point, °C	ASTM D 97	-56
Flash Point, COC, °C	ASTM D 92	255
Specific Gravity, 15.6 °C (60 °F)	ASTM D 4052B	0.951
Evaporation, 22 hrs @ 99 °C (210 °F), % loss	ASTM D 972	<1
Copper Strip Corrosion, 3 hrs @ 100 °C	ASTM D 130	1A
Four-Ball Wear, 1200 rpm, 167 °F (75 °C), 40 kg, 1 hour, mm	ASTM D 2266	0.33
Four-Ball EP Weld Point, kg	ASTM D 4172	160

## COMPATIBILITY

The following paints, plastics and seal & hose materials are recommended for use with ester-based synthetic lubricants (materials not recommended are also included). For more information please call ANDEROL Technical Services.

RECOMMENDED: Viton, high nitrile Buna N, Teflon, nylon, Delrin, Celcon, BPT, epoxy paint, oil-resistant alkyd paint.

NOT RECOMMENDED: Neoprene, low nitrile Buna N, SBR rubber, polystyrene, PVC, ABS, lacquer, acrylic paint.

## PACKAGING

ANDEROL<sup>®</sup> 486 is available in 5-gallon pails and 55-gallon drums. Other packages may be available upon request.

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